
3RD ANNUAL NATIONAL CHP ROADMAP WORKSHOP

DER AND CHP IN FEDERAL FACILITIES

EPA CHP PARTNERSHIP MEETING

USCHPA FALL BUSINESS MEETING

CO-SPONSORED BY

 **U.S. Department of Energy**  **Select Energy**  **Solar Turbines**
 **U.S. Environmental Protection Agency**  **Alstom Power**  **Hill & Barlow**
 **U.S. Combined Heat and Power Association**  **International District Energy Association**  **RealEnergy**

AGENDA




Tuesday, October 22, 2002

6:30 pm **No-Host Informal Dinner for Early Arrivals**
Grafton Street Pub and Grill
1230 Massachusetts Ave.
Cambridge, Massachusetts
Phone: 617-497-0400
(Shuttle Bus Leaves Doubletree Guest Suites at 5:45 pm)








Exhibitor Set-up Available

Wednesday, October 23, 2002
















7:30 am **Registration**
Continental Breakfast – Hosted by KEYSPAN

8:30 am **Opening Plenary Session**
Welcome and Introductory Remarks
 Hugh Saussy, Director, Boston Regional Office, U.S. Department of Energy
 Schuyler Schell, Office Director, Agency Services, Federal Energy Management Program, U.S. Department of Energy
 Art Smith, President, U.S. Combined Heat and Power Association

9:15 am **Keynote Presentation**
Scott Miller, Senior Advisor on Markets, Office of Markets, Tariffs, and Rates, Federal Energy Regulatory Commission (FERC)
“The Role of Distributed Generation in FERC’s Future Electricity Marketplace”

9:45 am	Track 1. Snapshot of DER Technologies: Advantages, Disadvantages, Costs, and Benefits <i> Microturbines: Tony Hynes, Bowman Power</i> <i> Engines: Clive Nickolay, Wartsila</i> <i> Combustion Turbines: Chris Lyons, Solar Turbines</i> <i> Fuel Cells: Richard Shaw, Fuel Cell Energy</i>	Track 2. EPA CHP Partnership Meeting <i> Luis Troche</i> <i> Christian Fellner</i> <i> Joe Bryson</i> Partnership Update
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All presentations will be available on the USCHPA and FEMP websites following the workshop.
Visit www.uschpa.org or www.eren.doe.gov/femp/techassist/der_resources.html after November 1, 2002.

	<p> Renewables: <i>Dwayne Breger</i>, Massachusetts Division of Energy Resources (DOER)</p> <p>Moderator: <i>Bruce Hedman</i>, EnergyNexus Group</p>	<p>Regulatory and Permitting Update</p> <p>Energy Star CHP Awards Primer</p> <p>Project Reporting and Environmental Benefits Plans for 2003</p>
11:00 am	Break in Exhibit Area	
11:30 am	<p>Track 1. Implementing DER and CHP at Federal Facilities</p> <p> Case Study – Williams Building (PV/Cogeneration): <i>Roman Piaskoski</i>, GSA</p> <p> Case Study – Portsmouth Naval Shipyard (Gas Turbine CHP): <i>Britta MacIntosh</i>, Select Energy Services</p> <p> Case Study – National Institutes of Health (CHP/DG): <i>Farhad Memarzadeh</i>, NIH</p> <p>Moderator: <i>Paul King</i>, DOE Boston Regional Office</p>	<p>Track 2. EPA CHP Partnership Meeting (Cont.)</p> <p>Planning for Full Partners Meeting, March 2003, San Diego</p> <p>Partner Success Stories</p> <p>Networking and One-on-One Partner Support/Information Exchange</p>
12:30 pm	<p>Luncheon with Speaker</p> <p><i>Professor William Hogan</i>, Kennedy School of Government, Harvard University</p> <p>“The Top Three Reasons for Standard Market Design: Incentives, Incentives, Incentives”</p>	
2:00 pm	<p>Track 1. Breakout Sessions</p> <p>“Getting the Job Done: Information and Assistance in Implementing DER Projects at Federal Facilities”</p> <p>Breakout Sessions (participants choose one):</p> <p> Energy Analysis and Feasibility Studies Facilitator: <i>Keith Kline</i>, ORNL Resource Persons: <i>James Tuller</i>, SurePower; <i>Jim McNamara</i>, Northern Power Systems Note Taker: <i>Marion Rawson</i>, Energetics</p> <p> Financing DER Projects Facilitators: <i>Dave Howard</i>, NREL; <i>Julia Kelley</i>, ORNL Resource Persons: <i>Rory Salimbene</i>, Semptra Energy Solutions; <i>Britta MacIntosh</i>, Select Energy Services Note Taker: <i>Dan Brewer</i>, Energetics</p> <p> Environmental Permitting Facilitator: <i>Mark Hall</i>, Consultant Resource Persons: <i>John Moskal</i>, EPA New England Office; <i>Luis Troche</i>, EPA Headquarters Note Taker: <i>Lauren Giles</i>, Energetics</p> <p> Utility Issues Facilitator: <i>Trina Masepohl</i>, NREL Resource Persons: <i>Larry Chretien</i>, Massachusetts Energy Consumers Alliance; <i>Frank Napoli</i>, ConEdison Solutions; <i>Jason Vass</i>, Exelon Services Federal Group</p>	<p>Track 2. U.S. Combined Heat and Power Association (USCHPA) Business Meeting</p> <p>Call to Order and Introductions <i>Bruce Diamond</i></p> <p>Chairman’s Remarks <i>Art Smith</i></p> <p>Membership Report <i>Kim Black</i></p> <p>Financial Report <i>Bruce Hedman</i></p> <p>Executive Director’s Report <i>John Jimison</i></p> <p> Status of Grant Applications</p> <p> Spring Conference</p> <p> Election of Officers</p> <p> Membership Development</p> <p>Regulatory Developments <i>John Jimison</i></p> <p>Legislative Developments <i>Neal Elliott</i></p> <p>Status of Regional Initiatives <i>Suzanne Watson</i></p> <p>Creation of Regional Council <i>Suzanne Watson</i></p> <p>Proposed New Committee Structure <i>John Jimison</i></p> <p> CHP Industry Development</p> <p> Congressional Relations</p> <p> Press and Public Relations</p>

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Note Taker: <i>Jessica Clark</i> , Energetics	Membership and Finance Other? Open Forum
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3:30 pm

Break in Exhibit Area

4:00 pm

Regional CHP and DER Initiatives **Midwest:** *Ted Bronson*, GTI and Midwest CHP Applications Center **Northeast:** *Sean Casten*, TurboSteam **Southeast:** *Terri Roberts*, DOE Atlanta Regional Office **Mid-Atlantic:** *Peter Ayanakian*, DOE Philadelphia Regional Office **Mountain:** *Sandy Glatt*, DOE Denver Regional Office **Pacific Northwest:** *Arun Jhaveri*, DOE Seattle Regional Office **Southwest:** *Suzanne Watson*, Northeast-Midwest InstituteModerator: *Suzanne Watson*, Northeast-Midwest Institute

5:30 pm

Adjourn

6:00 pm

Reception and Presentation of EPA 2001 ENERGY STAR® CHP Awards and Certificates of Recognition

7:30 pm

Dinner on Your Own in Boston's North End, Cambridge, other Locales (Hotel Shuttle Service Provided)

Thursday, October 24, 2002

7:30 am

Continental Breakfast and Poster Session on the Chicago Energy Plan

8:30 am

CHP and DER in Today's Marketplace - The Path to 92 GW National Institutes of Health Project in Maryland, *Bob Hollis*, Pepco CHP in Leased Office Buildings, *Tom Smith and Frank Frankini*, Equity Office Properties Micro-CHP: Real Installation Successes, *Steve Gillette*, Capstone Turbine Corporation CHP in Commercial Buildings, *Gerard Orozco*, RealEnergy CHP Education and Awareness Success Stories, *Dana Levy*, New York State Energy Research and Development Authority (NYSERDA)Moderator: *Nag Patibandla*, NYSERDA

10:00 am

Break in Exhibit Area

10:30 am

Status Report on CHP Action Agenda**Legislative and Regulatory Update – Education Outreach and Awareness – CHP Market Development** *Richard Brent*, Solar Turbines *Neal Elliott*, ACEEE *John Jimison*, USCHPA *Suzanne Watson*, Northeast-Midwest InstituteModerator: *Bruce Diamond*, NiSource

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12:00 pm	Luncheon <i>The Hon. Phil Sharp, Former Chairman, Energy and Power Subcommittee, U.S. House of Representatives; Sr. Policy Advisor VanNess Feldman; Sr. Research Fellow, Environment and Natural Resources Program, Kennedy School of Government, Harvard University</i> “21st Century Energy Policymakers Look At DER and CHP”	
12:00 pm	For Federal Facility Managers Only: Visit GSA Williams Building (U.S. Coast Guard). Buses leave from lobby at 12:00 pm (box lunch provided).	
1:30 pm	Track 1. Implementing DER and CHP in Federal Facilities Session 1: FEMP Services and Project Financing <i>🔗</i> FEMP Resources, <i>Shawn Herrera</i> , FEMP <i>🔗</i> Accelerated Development and Deployment of CHP at Federal Sites (ADD CHP), <i>Patrick Hughes</i> , ORNL <i>🔗</i> The “How-To Guide” to DER at Federal Facilities, <i>Trina Masepohl</i> , NREL <i>🔗</i> Financing DER and CHP Projects with ESPCs and UESCs, <i>Paul King</i> , DOE Boston Regional Office and <i>Chris Abbuehl</i> , DOE Philadelphia Regional Office	Track 2. Breakout Sessions – Moving Forward on CHP <i>🔗</i> Raising CHP Awareness Facilitator: <i>Jan Brinch</i> , Energetics <i>🔗</i> Overcoming Regulatory and Institutional Hurdles Facilitator: <i>John Jimison</i> , USCHPA <i>🔗</i> Improving Markets and Technologies for CHP Facilitator: <i>Neal Elliott</i> , ACEEE
2:30 pm	Short Break for this Track	
2:45 pm	Track 1. Implementing DER and CHP in Federal Facilities (<i>continued</i>)	
3:30 pm	Break in Exhibit Area	
4:00 pm	Site Visits: <i>🔗</i> Massachusetts Institute of Technology (MIT) <i>🔗</i> Suffolk County Jail <i>🔗</i> Deer Island Thermal Power Plant <i>🔗</i> Longwood Medical Area Total Energy Plant (MATEP) Buses leave from main lobby promptly at 4:00 pm	
6:30 pm	Dinner on your own in Cambridge and Fanueil Hall (See site visit information sheet for bus drop-off and pick-up)	

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Friday, October 25, 2002

7:30 am



Continental Microsoft Word.Ink **Breakfast**

8:30 am

Panel: Interconnection Policy Update

John Jimison, USCHPA

Chris Cook, E3Energy

Deirdre Manning, Commissioner, Massachusetts Department of Telecommunications & Energy

Josh Meyer, Encorp, Inc.

Moderator: *Richard Brent, Solar Turbines*

10:00 am

Breakout Group Reports

10:30 am

Closing Plenary Session

“The Bottom Line”

Dan Reicher, Executive Vice President, Northern Power Systems; Former U.S. Assistant Secretary of Energy (Invited)

11:30 am

Adjourn

Depart for Site Visit to Hull Municipal Light Wind Turbine (Transportation Provided)